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Agricultural Memorandum No 34A
Year to Year Variations in Monthly Sunshine Totals

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The data in Ag Mem 34 have been re-analysed to produce sample decades for inland stations in northern England (based on Newton Rigg 50 year records) and central and southern England (based on Oxford and Rothamsted). The smaller variations at the other 3 coastal stations were ignored.

Results:-

NORTH

Sample (% of average)

Month	1	2	3	4	5	6	7	8	9	10
Jan	55	72	82	89	95	101	109	118	130	149
Feb	52	70	80	89	96	103	110	118	130	152
Mar	58	71	83	88	94	101	107	116	128	154
Apr	61	73	84	89	95	100	106	115	130	147
May	65	77	85	90	95	101	106	115	124	142
Jun	63	79	85	91	96	103	109	115	121	138
Jul	59	73	81	88	95	102	110	118	127	147
Aug	63	77	84	89	95	102	109	115	122	144
Sep	64	76	82	87	93	100	109	118	128	143
Oct	67	79	85	90	95	101	108	115	123	137
Nov	57	73	79	85	92	101	111	119	132	151
Dec	53	67	78	89	97	103	109	118	131	155

CENTRAL AND SOUTH

Month	1	2	3	4	5	6	7	8	9	10
Jan	59	76	84	89	94	100	107	118	128	145
Feb	55	73	82	90	96	102	108	118	129	147
Mar	60	71	79	87	94	101	108	117	129	154
Apr	63	73	80	87	94	101	107	117	130	148
May	66	76	82	88	95	101	107	116	126	143
Jun	66	79	85	91	97	102	108	115	123	134
Jul	62	73	81	89	96	101	108	117	130	143
Aug	66	77	83	90	96	101	107	115	125	140
Sept	63	77	83	88	94	100	108	116	126	145
Oct	67	80	86	91	96	101	106	113	122	138
Nov	57	74	80	86	93	100	109	118	131	152
Dec	56	70	80	89	96	102	109	118	129	151

Any comments or suggestions on this paper should be referred to the author.

Meteorological Office
Bracknell

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